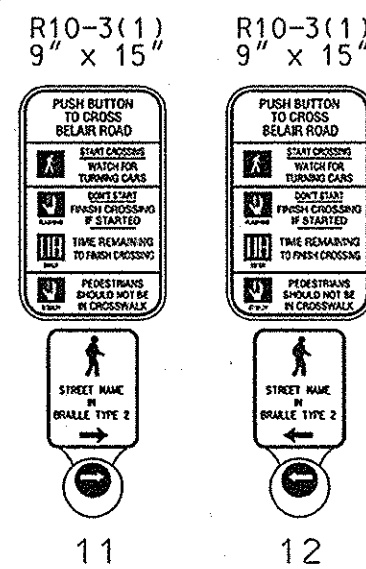


US 1 (BELAIR RD) IS ASSUMED TO RUN
IN A NORTH/SOUTH DIRECTION

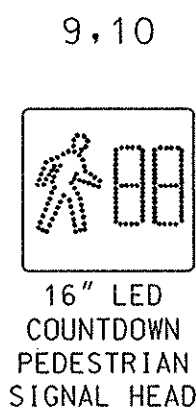
SPECIAL NOTE:

THE TACTILE ARROWS FOR THE AUDIBLE/TACTILE PEDESTRIAN
PUSHBUTTON STATION SHALL BE LOCATED PARALLEL TO THE
CROSSWALK FOR WHICH THEY APPLY.

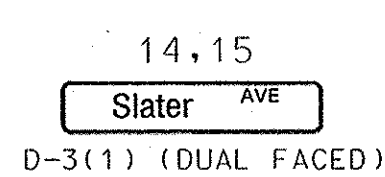
PROPOSED SIGNS



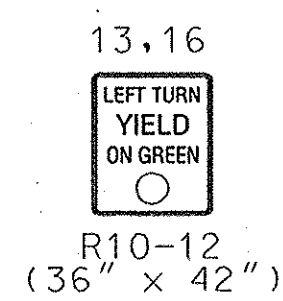
PROPOSED
SIGNAL HEADS



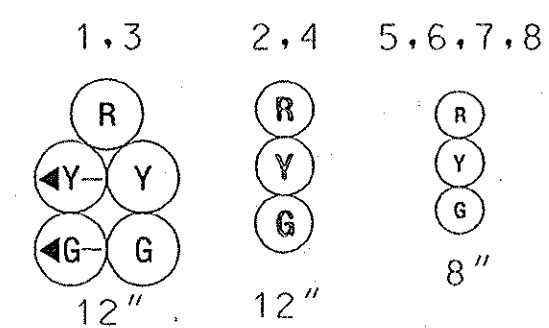
EXISTING SIGNS
TO REMAIN



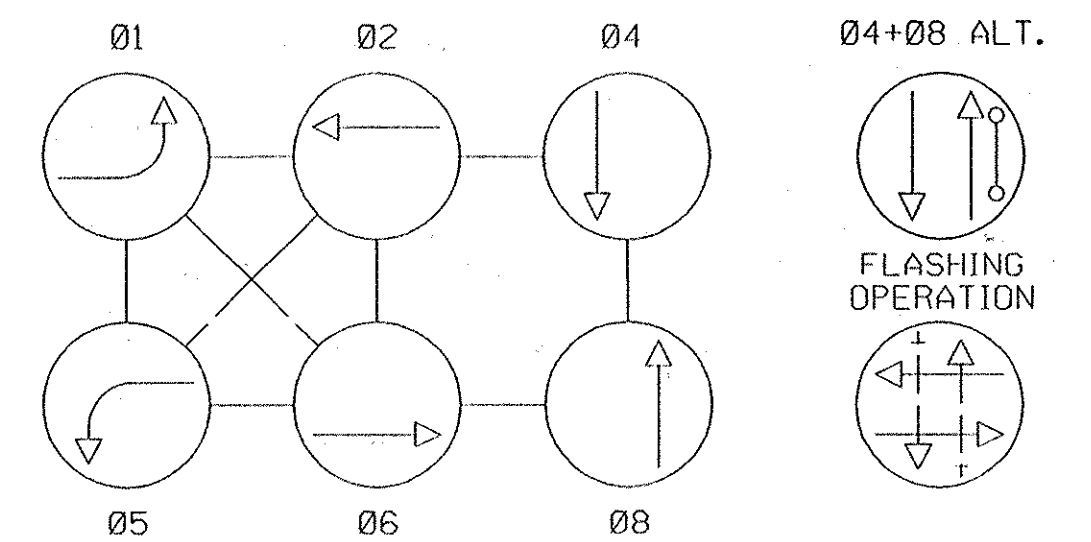
EXISTING SIGNS
TO BE REMOVED



EXISTING SIGNALS
TO REMAIN



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

AERIAL CABLE DETAIL

PRIMARY	38'-0"
SECONDARY	30'-0"
TWISTED PRIMARY	28'-9"
TELEPHONE	22'-3"
TELEPHONE	19'-10"
GRADE	

AERIAL CABLE DETAIL

PRIMARY	36'-1"
PRIMARY	26'-7"
SECONDARY	25'-9"
TWISTED PRIMARY	19'-4"
CABLE	17'-11"
TELEPHONE	14'-0"
TELEPHONE	12'-7"
GRADE	

AERIAL CABLE DETAIL

INTERCONNECT	27'-4"
TELEPHONE	26'-9"
TELEPHONE	25'-9"
TELEPHONE	24'-8"
TELEPHONE	24'-6"
GRADE	

AERIAL CABLE DETAIL

INTERCONNECT	23'-2"
TELEPHONE	22'-7"
TELEPHONE	21'-10"
TELEPHONE	19'-11"
TELEPHONE	19'-9"
TELEPHONE	18'-8"
GRADE	

CONSTRUCTION DETAILS

- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION INSTALLED WITH VIBRATING ARROW POINTING LEFT AND R10-3(1) SIGN (SIGN TO READ "PUSH BUTTON TO CROSS BELAIR ROAD"). INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).
- USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. INSTALL ONE 2 IN. BLIND COUPLING IN BOTTOM OF POLE MOUNTED CABINET BY FIELD DRILLING HOLE INTO EXISTING STRAIN POLE A MINIMUM OF 12 INCHES FROM EXISTING BLIND COUPLING. INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON BASE UNIT (2 WIRE CENTRAL CONTROL UNIT).
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED
- INSTALL HANDHOLE
- INSTALL SIDEWALK RAMP STANDARD NO. MD 655.11.
- INSTALL DETECTABLE WARNING SURFACE STANDARD NO. MD 655.40
- REMOVE EXISTING PAVEMENT MARKINGS BEYOND STOPLINE.
- INSTALL 12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS FOR CROSSWALKS.
- INSTALL 4 IN. CONCRETE SIDEWALK.
- REMOVE EXISTING SIGNS ON MAST ARM AS NOTED.
- INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, COUNTDOWN PEDESTRIAN SIGNAL HEAD, AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION INSTALLED WITH VIBRATING ARROW POINTING RIGHT AND R10-3(1) SIGN (SIGN TO READ "PUSH BUTTON TO CROSS BELAIR ROAD"). INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC ELECTRICAL CONDUIT BEND IN PEDESTAL BASE).

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS AND HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- PUSHBUTTONS ARE TO BE LOCATED ADJACENT TO A LEVEL (<1:48) LANDING (32" x 54") ALONG THE PEDESTRIAN ACCESS ROUTE LEADING TO THE CROSSWALK.
- LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 43.09 AND FIG. 4E2 AND THE LATEST EDITION OF THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE."

TOD No: AT782-58

SHA No.: BA563A57/B57

US 1 @ Various Locations - APS

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 1 (Belair Road) and Slater Avenue
Perry Hall, MD

SIGNALIZATION PLAN

SCALE	1" = 20'	DATE	07/1991	CONTRACT NO.	
DESIGNED BY		COUNTY	BALTIMORE		
DRAWN BY	WRS	LOGMILE	03000106.91		
CHECKED BY	STEVE REZ	TMS NO.	H330		
FAP NO.		TOD NO.			
TS NO. 1361 B	DRAWING	OF		SHEET NO.	3 OF 10

PLOTTED: 11/14/2008
FILE: n:\31556-029\CADD\PSG-P001_us1slater.dgn